
Getting Started

Before using MAT Traffic Analysis, you must install and configure the software. Refer to “Getting Started” in the *MAT Common Services User Guide* for installation instructions.

Overview

After you have created at least one site (using the Common Services Site Configuration module), you can use MAT Traffic Analysis to collect traffic data, generate reports and graphs, and maintain the traffic database for that site.

Note: Each user has specific read/write access to MAT modules. If you do not have read or write access to a certain module, you will not be able to use that module. For example, if you do not have access to the Scheduler, the Scheduler command line appears dimmed in the Traffic Analysis menu. To define user read/write access, please refer to “System and User Configuration” in the *MAT Common Services User Guide*.

Before you can begin collecting data, you must define the data to collect and the reports to generate. The rest of this chapter provides a complete example of how to accomplish these tasks, as well as instructions for scheduling and starting data collection from the Meridian 1

WARNING

When a Limited Access Password (LAPW) is defined to collect traffic data from Overlay 2, configure the password to have access to all customers by setting the CUST prompt to ALL. For more information about Limited Access to Overlays, see the X11Software Features Guide.

Traffic Analysis example

This section provides an example of how to use MAT Traffic Analysis to guide you through your own work. Refer to the chapters that follow for more details on the features used in this example.

Note: The instructions in this example assume that you have successfully installed the MAT software and completed the MAT configuration tasks described in the *MAT Common Services User Guide*.

The example illustrates how to accomplish the following tasks:

- connect to the Meridian 1 at a specific site
- collect traffic data from the Meridian 1
- print a D-Channel Report that contains data for incoming and outgoing calls

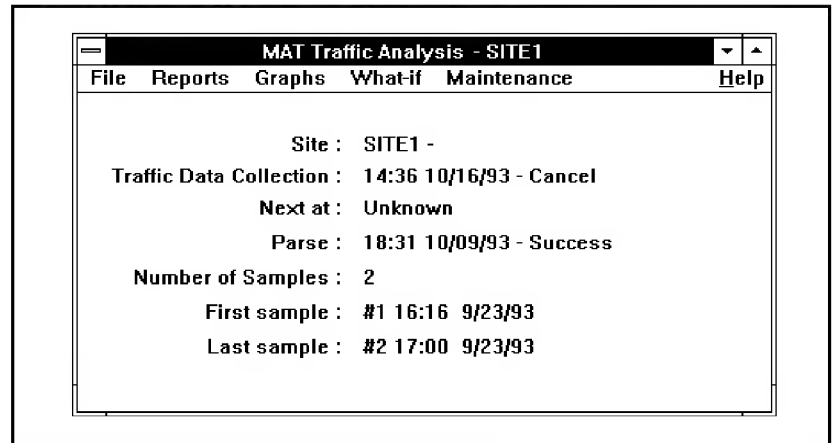
Connect to a Meridian 1

Follow these steps to establish a connection with a previously-configured Meridian 1. When connecting to the Meridian 1, Traffic Analysis will utilize the connection parameters you entered for this site in the Site Configuration module. For complete details on setting up a site for connection to the Meridian 1, refer to the “Getting Started” and “Site Configuration” chapters in the *MAT Common Services User Guide*.

- 1** Activate Meridian Administration Tools by double-clicking on the MAT icon in the Start Up program group. Icons for MAT modules and applications appear on the Windows desktop.
- 2** Double-click on the Meridian Administration Tools to log on to the system. The MAT Logon dialog appears.
- 3** Enter your User ID and Password in the appropriate spaces. (The default values for both User ID and Password are **MAT**.) Click on **OK** to log on to the system. The Meridian Administration Tools window appears.

- 4 Double-click on the Traffic Analysis icon to open the MAT Traffic Analysis window.
- 5 Select **Open Site** from the File menu. The Open Site dialog appears. Double-click on the site you wish to open. The collection information for the selected site appears in the Traffic Analysis window, as shown in Figure 1.

Figure 1
Traffic Analysis application main window



Collect traffic data from the Meridian 1

Follow these steps to collect traffic data from the Meridian 1 at the selected site:

- 1 In the MAT Traffic Analysis window, open the Maintenance menu and select Traffic Data Collection. Click to place an **X** in the check box for Set up PBX for Traffic. This enables the PBX to collect and transmit data.
- 2 Click to place an **X** in the check box for Schedule Traffic Collection. Click on **OK** to start the traffic data collection. Traffic data from the Meridian 1 is loaded to a temporary data file for subsequent report processing. As soon as the system has collected initial traffic data, you can generate reports. MAT displays a dialog to alert you that Traffic Analysis Maintenance has scheduled data collection. Click on **OK** to continue.

Note: Traffic Analysis automatically schedules subsequent data collections to occur hourly after the initial collection.

Print a traffic report for incoming and outgoing calls

Follow these steps to collect traffic data from the Meridian 1 at the selected site:

- 1 Before requesting a printed report, you must select your printer as the output device. In the MAT Traffic Analysis window, select **Specify Output Device** from the File menu. In the resulting dialog, click on **Printer**, then click on **OK**.
- 2 Reopen the File menu and select **Printer Setup** to select the printer for this report. Click on **OK** to save this information and return to the Traffic Analysis window.
- 3 To print the report, open the Reports menu and select **System Reports**. The System Reports dialog appears.
- 4 Click on the Report down arrow to open the list of available system reports. To select the D-Channel Report, scroll through the list and click on **D-Channel**.
- 5 Click on the Profile down arrow to view a list of available profiles for the D-Channel report. Select **DCHANL.PRO - D-Channel Report**. This is the default report profile that the system uses to select data for the D-Channel Report.
- 6 Click on the **Edit** button next to the Profile box to access the Profile Editor for the DCHANL.PRO report profile. A dialog appears that lists the profile's description, options, and parameters. You can enter information here to tailor the report.
- 7 In the Options list, click to select only the following items:

Incoming
Outgoing

De-select any other highlighted items in the list. Do not modify Description or Parameters.

- 8 To save this default profile to a new profile name, open the File menu and select **Save As**. In the Save As dialog, type **DCHANL1.PRO** for the file name.

- 9 Select **Close** from the File menu to exit the Profile Editor and return to the System Reports dialog.
- 10 Click on the Filters down arrow to view a list of available filters for the report. Select **None**. This clears the Filters box so that the report includes all collected traffic data.
- 11 Click on **OK** to print this report. A report status box indicates printing progress.
- 12 After the report is printed, you can exit Traffic Analysis by selecting **Exit** from the File menu.

This completes the MAT Traffic Analysis example. In the following chapters, you will learn more about the Traffic Analysis user interface, editors, and report generator.